ELSEVIER

Toxicology 209 (2005) 307–308

TOXICOLOGY

www.elsevier.com/locate/toxicol

# Author index of volume 209

Abdel-Rahman, A. **209**, 245
Abou-Donia, M.B. **209**, 245
Acet, A. **209**, 1
Aluoch, A. **209**, 263
Arashidani, K. **209**, 305
Aster, R.H. **209**, 149

Bala, S. **209**, 195
Barbaud, A. **209**, 209
Bentzley, C.M. **209**, 69
Bircher, A.J. **209**, 201
Blanca, M. **209**, 181
Bouquegneau, J.-M. **209**, 289
Brockow, K. **209**, 189
Brown, R.D. **209**, 15

Caruso, C. **209**, 169
Cavani, A. **209**, 119
Cebrian, M.E. **209**, 279
Chen, W.-C. **209**, 245
Christiansen, C. **209**, 185
Chung, Y.J. **209**, 77
Coates, N.H. **209**, 77
Copeland, L. **209**, 77
Cornejo-Garcia, J.A. **209**, 181
Cyr, D.G. **209**, 289

Dechkovskaia, A.M. **209**, 245
Demoly, P. **209**, 221
Ding, R. **209**, 55

Farina, M. **209**, 29
Fournier, M. **209**, 289
Frost, H. **209**, 155
Fujimaki, H. **209**, 305

Gaeta, F. **209**, 169
Gamerdinger, K. **209**, 101
Garrido, E. **209**, 279
Germolec, D.R. **209**, 15
Gorman, D. **209**, 237
Guan, X. **209**, 245
Guéant, J.-L. **209**, 169
Guéant-Rodriguez, R.-M. **209**, 169
Guerreiro, N. **209**, 101
Guo, T.L. **209**, 15

Hastings, K.L. **209**, 195

Inaoka, M. **209**, 161, 165

Jacques, R. **209**, 29
Jardim, F. **209**, 29
Ju, C. **209**, 109
Junkes, C. **209**, 101

Kalender, S. **209**, 39
Kalender, Y. **209**, 39
Kano, Y. **209**, 165
Karrow, N.A. **209**, 15
Khan, W.A. **209**, 245
Kikuchi, M. **209**, 305
Kunugita, N. **209**, 305
Kurokawa, Y. **209**, 305

Laroche, D. **209**, 193
Li, Y. **209**, 69
Liang, Z.-Z. **209**, 55
Lin, H.Y. **209**, 237

Mayorga, C. **209**, 181
McCay, J.A. **209**, 15
Menon, V.P. **209**, 225
Merk, H.F. **209**, 217
Mitoma, H. **209**, 47
Mizrak, B. **209**, 1
Musgrove, D.L. **209**, 15
Muroi, T. **209**, 47

Noda, S. **209**, 47

Parlakpinar, H. **209**, 1
Pichler, W.J. **209**, 93, 95
Pillet, S. **209**, 289
Pohl, L.R. **209**, 109
Polat, A. **209**, 1
Prasad, N.R. **209**, 225
Pugalendi, K.V. **209**, 225

Rocha, J.B.T. **209**, 29
Romano, A. **209**, 169
Rooney, A.A. **209**, 289
Rotta, L.N. **209**, 29
Roujeau, J.-C. **209**, 123
Rubin, R.L. **209**, 135
Ruiz-Ramos, R. **209**, 279

Sahna, E. **209**, 1
Sakamoto, S. **209**, 47
Sakuma, K. **209**, 165
Sato, F. **209**, 305
Selgrade, M.J.K. **209**, 77
Shen, T. **209**, 55
Shiohara, T. **209**, 165
Soares, F.A.A. **209**, 29
Souza, D.O. **209**, 29
Sutton, J.M. **209**, 245

Takakura, S. **209**, 47
Tarloff, J.B. **209**, 69
Thierse, H.-J. **209**, 101
Torres, M.J. **209**, 181

Uetrecht, J. **209**, 113

van Loveren, H. **209**, 303
Vasudev, V. **209**, 225
Vesper, S.J. **209**, 77
Viana, M.E. **209**, 77
Viola, M. **209**, 169

Ward, M.D.W. **209**, 77

doi:10.1016/S0300-483X(05)00121-6

Weaver, J. **209**, 195
Weltzien, H.U. **209**, 101
Whalen, M. **209**, 263
White Jr., K.L. **209**, 15
Williams, C. **209**, 237

Yamasaki, K. **209**, 47
Yawalkar, N. **209**, 131
Yel, M. **209**, 39

Zhang, X.-J. **209**, 55
Zhu, Q.-X. **209**, 55

ELSEVIER

Toxicology 209 (2005) 309–314

TOXICOLOGY

www.elsevier.com/locate/toxicol

# Subject index of volume 209

**Adults**; Cadmium; Maternal milk; Gender-specific effects; Juveniles; Immune functions **209**, 289

**Adverse drug reaction**; Drug hypersensitivity; Alert signs; Clinical danger signs; Immediate type hypersensitivity; Delayed type hypersensitivity **209**, 201

**Adverse effects**; X-ray contrast media; Immediate adverse reactions; Delayed adverse reactions **209**, 185

**δ-ALA-D**; Aluminum; Iron; Erythrocyte; Anemia; Bone marrow **209**, 29

**Albumin**; Nickel; Hypersensitivity; T lymphocyte; Heat shock; Protein **209**, 101

**Alert signs**; Drug hypersensitivity; Adverse drug reaction; Clinical danger signs; Immediate type hypersensitivity; Delayed type hypersensitivity **209**, 201

**Allergic contact dermatitis**; Nickel; Regulatory T cells **209**, 119

**Allergy**; Drug; Hypersensitivity; Immune; Systemic; Contact; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**Allergy**; Penicillium chrysogenum; Asthma; Respiratory exposure; Mouse model **209**, 77

**Aluminum**; Iron; Erythrocyte; Anemia; δ-ALA-D; Bone marrow **209**, 29

**Amoxicillin**; Penicillin G; IgE; Immedite hypersensitivity **209**, 181

**Anaphylaxis**; IgE mediated hypersensitivity; Non-IgE mediated hypersensitivity **209**, 221

**Anaphylaxis**; Radio contrast media; Immediate reactions; Specific IgE **209**, 193

**Anemia**; Aluminum; Iron; Erythrocyte; δ-ALA-D; Bone marrow **209**, 29

**Animal model**; Tolerance mechanism; Liver; Kupffer cells; T cells **209**, 109

**Animal models**; Drug; Hypersensitivity; Allergy; Immune; Systemic; Contact; Respiratory; Preclinical testing; Biomarkers **209**, 195

**Animal models**; Reactive metabolites; Penicillamine; Nevirapine **209**, 113

**Anti-androgen effect**; Endocrine; Flutamide; In utero and lactational exposure; Rat **209**, 47

**Antibody response**; Recombinant proteins; Erythropoietin **209**, 155

**Antioxidant system**; Doxorubicin; Catechin; Vitamin E; Hepatotoxicity **209**, 39

**Antioxidants**; Sesamol; Radioprotection; Micronuclei; Dicentric aberration; Lymphocytes; γ-Radiation; Catalase; Peroxidase **209**, 225

**Apoptosis**; Caffeic acid phenethyl ester (CAPE); Reactive oxygen radicals; Rat **209**, 1

**Asthma**; Penicillium chrysogenum; Allergy; Respiratory exposure; Mouse model **209**, 77

**Atrazine**; Immunomodulation; B6C3F1 mice; Cell-mediated immunity; B16F10 melanoma **209**, 15

**Autoimmunity**; Systemic lupus erythematosus; T cells; Thymus function; Oxidative drug metabolism **209**, 135

**B6C3F1 mice**; Atrazine; Immunomodulation; Cell-mediated immunity; B16F10 melanoma **209**, 15

doi:10.1016/S0300-483X(05)00122-8

**Benzene**; Benzoquinone; HL-60; ERK/MAPK; ROS; Leukemia **209**, 279

**Benzoquinone**; Benzene; HL-60; ERK/MAPK; ROS; Leukemia **209**, 279

**Beta-lactam antibiotics**; Quinolones; Radio contrast media; IgE; T cells; Cross-reactivity; Drugs; Hypersensitivity reactions **209**, 169

**B16F10 melanoma**; Atrazine; Immunomodulation; B6C3F1 mice; Cell-mediated immunity **209**, 15

**Biomarkers**; Drug; Hypersensitivity; Allergy; Immune; Systemic; Contact; Respiratory; Animal models; Preclinical testing **209**, 195

**Bone marrow**; Aluminum; Iron; Erythrocyte; Anemia; δ-ALA-D **209**, 29

**Cadmium**; Maternal milk; Gender-specific effects; Adults; Juveniles; Immune functions **209**, 289

**Caffeic acid phenethyl ester (CAPE)**; Apoptosis; Reactive oxygen radicals; Rat **209**, 1

**Carbon monoxide**; Haem oxygenase; Nitric oxide synthetase; Hypoxaemia **209**, 237

**Catalase**; Sesamol; Radioprotection; Micronuclei; Dicentric aberration; Antioxidants; Lymphocytes; γ-Radiation; Peroxidase **209**, 225

**Catechin**; Doxorubicin; Vitamin E; Hepatotoxicity; Antioxidant system **209**, 39

**CD122**; Drug-induced hypersensitivity syndrome; NK cell; γδ-T cell; Human herpesvirus 6 **209**, 161

**Cell-mediated immunity**; Atrazine; Immunomodulation; B6C3F1 mice; B16F10 melanoma **209**, 15

**Cerebellum**; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Classification**; Contrast media hypersensitivity; Incidence; Pathomechanism; Diagnosis; Prophylaxis **209**, 189

**Clinical danger signs**; Drug hypersensitivity; Adverse drug reaction; Alert signs; Immediate type hypersensitivity; Delayed type hypersensitivity **209**, 201

**Comparative toxicity**; *para*-Aminophenol; Hepatocytes; Renal epithelial cells **209**, 69

**Contact**; Drug; Hypersensitivity; Allergy; Immune; Systemic; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**Contrast media hypersensitivity**; Classification; Incidence; Pathomechanism; Diagnosis; Prophylaxis **209**, 189

**Cross-reactivity**; Beta-lactam antibiotics; Quinolones; Radio contrast media; IgE; T cells; Drugs; Hypersensitivity reactions **209**, 169

**Cross-reactivity**; Drug hypersensitivity; p-i concept; T-cell receptor; T-cells **209**, 95

**Cutaneous adverse drug reaction**; Drug allergy; Drug patch test **209**, 209

**Cytokines**; Maculo-papular exanthem; T cells; Cytotoxicity **209**, 131

**Cytotoxicity**; Maculo-papular exanthem; T cells; Cytokines **209**, 131

**Cytotoxicity**; Trichloroethylene; Perchloroethylene; Normal human epidermal keratinocytes; Vitamin E **209**, 55

**Delayed adverse reactions**; X-ray contrast media; Adverse effects; Immediate adverse reactions **209**, 185

**Delayed type hypersensitivity**; Drug hypersensitivity; Adverse drug reaction; Alert signs; Clinical danger signs; Immediate type hypersensitivity **209**, 201

**Diagnosis**; Contrast media hypersensitivity; Classification; Incidence; Pathomechanism; Prophylaxis **209**, 189

**Dicentric aberration**; Sesamol; Radioprotection; Micronuclei; Antioxidants; Lymphocytes; γ-Radiation; Catalase; Peroxidase **209**, 225

**Doxorubicin**; Catechin; Vitamin E; Hepatotoxicity; Antioxidant system **209**, 39

**DRESS**; Exanthema; Stevens-Johnson syndrome; Toxic epidermal necrolisis; Fas-L and Perforin killing **209**, 123

**Drug allergy**; Cutaneous adverse drug reaction; Drug patch test **209**, 209

**Drug allergy**; Lymphocyte transformation test; Interleukin-5; Interferons; Drug metabolism **209**, 217

**Drug hypersensitivity**; Adverse drug reaction; Alert signs; Clinical danger signs; Immediate type hypersensitivity; Delayed type hypersensitivity **209**, 201

**Drug hypersensitivity**; p-i concept; T-cell receptor; T-cells; Cross-reactivity **209**, 95

**Drug metabolism**; Lymphocyte transformation test; Drug allergy; Interleukin-5; Interferons **209**, 217

**Drug patch test**; Drug allergy; Cutaneous adverse drug reaction **209**, 209

**Drug**; Hypersensitivity; Allergy; Immune; Systemic; Contact; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**Drug-induced hypersensitivity syndrome**; Human herpesvirus 6; Virus reactivation; Intravenous immunoglobulin **209**, 165

**Drug-induced hypersensitivity syndrome**; NK cell; γδ-T cell; CD122; Human herpesvirus 6 **209**, 161

**Drug-induced thrombocytopenia**; Immune thrombocytopenia **209**, 149

**Drugs**; Beta-lactam antibiotics; Quinolones; Radio contrast media; IgE; T cells; Cross-reactivity; Hypersensitivity reactions **209**, 169

**Endocrine**; Anti-androgen effect; Flutamide; In utero and lactational exposure; Rat **209**, 47

**ERK/MAPK**; Benzene; Benzoquinone; HL-60; ROS; Leukemia **209**, 279

**Erythrocyte**; Aluminum; Iron; Anemia; δ-ALA-D; Bone marrow **209**, 29

**Erythropoietin**; Recombinant proteins; Antibody response **209**, 155

**Exanthema**; Stevens-Johnson syndrome; Toxic epidermal necrolisis; Fas-L and Perforin killing; DRESS **209**, 123

**Fas-L and Perforin killing**; Exanthema; Stevens-Johnson syndrome; Toxic epidermal necrolisis; DRESS **209**, 123

**Flutamide**; Anti-androgen effect; Endocrine; In utero and lactational exposure; Rat **209**, 47

**Gender-specific effects**; Cadmium; Maternal milk; Adults; Juveniles; Immune functions **209**, 289

**Gestational**; Cerebellum; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Glial fibrillary acidic protein**; Cerebellum; Gestational; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Haem oxygenase**; Carbon monoxide; Nitric oxide synthetase; Hypoxaemia **209**, 237

**Heat shock**; Nickel; Hypersensitivity; T lymphocyte; Albumin; Protein **209**, 101

**Hepatocytes**; *para*-Aminophenol; Renal epithelial cells; Comparative toxicity **209**, 69

**Hepatotoxicity**; Doxorubicin; Catechin; Vitamin E; Antioxidant system **209**, 39

**Hippocampus**; Cerebellum; Gestational; Glial fibrillary acidic protein; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**HL-60**; Benzene; Benzoquinone; ERK/MAPK; ROS; Leukemia **209**, 279

**Human herpesvirus 6**; Drug-induced hypersensitivity syndrome; NK cell; γδ-T cell; CD122 **209**, 161

**Human herpesvirus 6**; Drug-induced hypersensitivity syndrome; Virus reactivation; Intravenous immunoglobulin **209**, 165

**Human natural killer cells**; Tributyltin-induced effects; MAP kinases p38 and p44/42 **209**, 263

**Hypersensitivity reactions**; Beta-lactam antibiotics; Quinolones; Radio contrast media; IgE; T cells; Cross-reactivity; Drugs **209**, 169

**Hypersensitivity**; Drug; Allergy; Immune; Systemic; Contact; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**Hypersensitivity**; Nickel; T lymphocyte; Albumin; Heat shock; Protein **209**, 101

**Hypoxaemia**; Carbon monoxide; Haem oxygenase; Nitric oxide synthetase **209**, 237

**IgE mediated hypersensitivity**; Anaphylaxis; Non-IgE mediated hypersensitivity **209**, 221

**IgE**; Beta-lactam antibiotics; Quinolones; Radio contrast media; T cells; Cross-reactivity; Drugs; Hypersensitivity reactions **209**, 169

**IgE**; Penicillin G; Amoxicillin; Immedite hypersensitivity **209**, 181

**Immediate adverse reactions**; X-ray contrast media; Adverse effects; Delayed adverse reactions **209**, 185

**Immediate reactions**; Radio contrast media; Anaphylaxis; Specific IgE **209**, 193

**Immediate type hypersensitivity**; Drug hypersensitivity; Adverse drug reaction; Alert signs; Clinical danger signs; Delayed type hypersensitivity **209**, 201

**Immedite hypersensitivity**; Penicillin G; Amoxicillin; IgE **209**, 181

**Immune functions**; Cadmium; Maternal milk; Gender-specific effects; Adults; Juveniles **209**, 289

**Immune thrombocytopenia**; Drug-induced thrombocytopenia **209**, 149

**Immune**; Drug; Hypersensitivity; Allergy; Systemic; Contact; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**Immunomodulation**; Atrazine; B6C3F1 mice; Cell-mediated immunity; B16F10 melanoma **209**, 15

**In utero and lactational exposure**; Anti-androgen effect; Endocrine; Flutamide; Rat **209**, 47

**Incidence**; Contrast media hypersensitivity; Classification; Pathomechanism; Diagnosis; Prophylaxis **209**, 189

**Infusion**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Interferons**; Lymphocyte transformation test; Drug allergy; Interleukin-5; Drug metabolism **209**, 217

**Interleukin-5**; Lymphocyte transformation test; Drug allergy; Interferons; Drug metabolism **209**, 217

**Intravenous immunoglobulin**; Drug-induced hypersensitivity syndrome; Human herpesvirus 6; Virus reactivation **209**, 165

**Iron**; Aluminum; Erythrocyte; Anemia; δ-ALA-D; Bone marrow **209**, 29

**Juveniles**; Cadmium; Maternal milk; Gender-specific effects; Adults; Immune functions **209**, 289

**Kupffer cells**; Tolerance mechanism; Liver; T cells; Animal model **209**, 109

**Leukemia**; Benzene; Benzoquinone; HL-60; ERK/MAPK; ROS **209**, 279

**Liver**; Tolerance mechanism; Kupffer cells; T cells; Animal model **209**, 109

**Lymphocyte transformation test**; Drug allergy; Interleukin-5; Interferons; Drug metabolism **209**, 217

**Lymphocytes**; Sesamol; Radioprotection; Micronuclei; Dicentric aberration; Antioxidants; γ-Radiation; Catalase; Peroxidase **209**, 225

**Maculo-papular exanthem**; T cells; Cytotoxicity; Cytokines **209**, 131

**MAP kinases p38 and p44/42**; Tributyltin-induced effects; Human natural killer cells **209**, 263

**Maternal milk**; Cadmium; Gender-specific effects; Adults; Juveniles; Immune functions **209**, 289

**Maternal**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Micronuclei**; Sesamol; Radioprotection; Dicentric aberration; Antioxidants; Lymphocytes; γ-Radiation; Catalase; Peroxidase **209**, 225

**Mini osmotic pump**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Mouse model**; Penicillium chrysogenum; Allergy; Asthma; Respiratory exposure **209**, 77

**Neurotoxicity**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Nicotine; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Nevirapine**; Reactive metabolites; Penicillamine; Animal models **209**, 113

**Nickel**; Allergic contact dermatitis; Regulatory T cells **209**, 119

**Nickel**; Hypersensitivity; T lymphocyte; Albumin; Heat shock; Protein **209**, 101

**Nicotine**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotinic acetylcholine receptor; Offspring; Smoking **209**, 245

**Nicotinic acetylcholine receptor**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Offspring; Smoking **209**, 245

**Nitric oxide synthetase**; Carbon monoxide; Haem oxygenase; Hypoxaemia **209**, 237

**NK cell**; Drug-induced hypersensitivity syndrome; γδ-T cell; CD122; Human herpesvirus 6 **209**, 161

**Non-IgE mediated hypersensitivity**; Anaphylaxis; IgE mediated hypersensitivity **209**, 221

**Normal human epidermal keratinocytes**; Trichloroethylene; Perchloroethylene; Cytotoxicity; Vitamin E **209**, 55

**Offspring**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Smoking **209**, 245

**Oxidative drug metabolism**; Autoimmunity; Systemic lupus erythematosus; T cells; Thymus function **209**, 135

***para*-Aminophenol**; Hepatocytes; Renal epithelial cells; Comparative toxicity **209**, 69

**Pathomechanism**; Contrast media hypersensitivity; Classification; Incidence; Diagnosis; Prophylaxis **209**, 189

**Penicillamine**; Reactive metabolites; Nevirapine; Animal models **209**, 113

**Penicillin G**; Amoxicillin; IgE; Immedite hypersensitivity **209**, 181

**Penicillium chrysogenum**; Allergy; Asthma; Respiratory exposure; Mouse model **209**, 77

**Perchloroethylene**; Trichloroethylene; Cytotoxicity; Normal human epidermal keratinocytes; Vitamin E **209**, 55

**Peroxidase**; Sesamol; Radioprotection; Micronuclei; Dicentric aberration; Antioxidants; Lymphocytes; γ-Radiation; Catalase **209**, 225

**p-i concept**; Drug hypersensitivity; T-cell receptor; T-cells; Cross-reactivity **209**, 95

**Preclinical testing**; Drug; Hypersensitivity; Allergy; Immune; Systemic; Contact; Respiratory; Animal models; Biomarkers **209**, 195

**Prophylaxis**; Contrast media hypersensitivity; Classification; Incidence; Pathomechanism; Diagnosis **209**, 189

**Protein**; Nickel; Hypersensitivity; T lymphocyte; Albumin; Heat shock **209**, 101

**Quinolones**; Beta-lactam antibiotics; Radio contrast media; IgE; T cells; Cross-reactivity; Drugs; Hypersensitivity reactions **209**, 169

**γ-Radiation**; Sesamol; Radioprotection; Micronuclei; Dicentric aberration; Antioxidants; Lymphocytes; Catalase; Peroxidase **209**, 225

**Radio contrast media**; Beta-lactam antibiotics; Quinolones; IgE; T cells; Cross-reactivity; Drugs; Hypersensitivity reactions **209**, 169

**Radio contrast media**; Immediate reactions; Anaphylaxis; Specific IgE **209**, 193

**Radioprotection**; Sesamol; Micronuclei; Dicentric aberration; Antioxidants; Lymphocytes; γ-Radiation; Catalase; Peroxidase **209**, 225

**Rat**; Anti-androgen effect; Endocrine; Flutamide; In utero and lactational exposure **209**, 47

**Rat**; Apoptosis; Caffeic acid phenethyl ester (CAPE); Reactive oxygen radicals **209**, 1

**Reactive metabolites**; Penicillamine; Nevirapine; Animal models **209**, 113

**Reactive oxygen radicals**; Apoptosis; Caffeic acid phenethyl ester (CAPE); Rat **209**, 1

**Recombinant proteins**; Erythropoietin; Antibody response **209**, 155

**Regulatory T cells**; Allergic contact dermatitis; Nickel **209**, 119

**Renal epithelial cells**; *para*-Aminophenol; Hepatocytes; Comparative toxicity **209**, 69

**Respiratory exposure**; Penicillium chrysogenum; Allergy; Asthma; Mouse model **209**, 77

**Respiratory**; Drug; Hypersensitivity; Allergy; Immune; Systemic; Contact; Animal models; Preclinical testing; Biomarkers **209**, 195

**ROS**; Benzene; Benzoquinone; HL-60; ERK/MAPK; Leukemia **209**, 279

**Sesamol**; Radioprotection; Micronuclei; Dicentric aberration; Antioxidants; Lymphocytes; γ-Radiation; Catalase; Peroxidase **209**, 225

**Smoking**; Cerebellum; Gestational; Glial fibrillary acidic protein; Hippocampus; Infusion; Maternal; Mini osmotic pump; Neurotoxicity; Nicotine; Nicotinic acetylcholine receptor; Offspring **209**, 245

**Specific IgE**; Radio contrast media; Immediate reactions; Anaphylaxis **209**, 193

**Stevens-Johnson syndrome**; Exanthema; Toxic epidermal necrolisis; Fas-L and Perforin killing; DRESS **209**, 123

**Systemic lupus erythematosus**; Autoimmunity; T cells; Thymus function; Oxidative drug metabolism **209**, 135

**Systemic**; Drug; Hypersensitivity; Allergy; Immune; Contact; Respiratory; Animal models; Preclinical testing; Biomarkers **209**, 195

**γδ-T cell**; Drug-induced hypersensitivity syndrome; NK cell; CD122; Human herpesvirus 6 **209**, 161

**T cells**; Autoimmunity; Systemic lupus erythematosus; Thymus function; Oxidative drug metabolism **209**, 135

**T cells**; Beta-lactam antibiotics; Quinolones; Radio contrast media; IgE; Cross-reactivity; Drugs; Hypersensitivity reactions **209**, 169

**T cells**; Maculo-papular exanthem; Cytotoxicity; Cytokines **209**, 131

**T cells**; Tolerance mechanism; Liver; Kupffer cells; Animal model **209**, 109

**T lymphocyte**; Nickel; Hypersensitivity; Albumin; Heat shock; Protein **209**, 101

**T-cell receptor**; Drug hypersensitivity; p-i concept; T-cells; Cross-reactivity **209**, 95

**T-cells**; Drug hypersensitivity; p-i concept; T-cell receptor; Cross-reactivity **209**, 95

**Thymus function**; Autoimmunity; Systemic lupus erythematosus; T cells; Oxidative drug metabolism **209**, 135

**Tolerance mechanism**; Liver; Kupffer cells; T cells; Animal model **209**, 109

**Toxic epidermal necrolisis**; Exanthema; Stevens-Johnson syndrome; Fas-L and Perforin killing; DRESS **209**, 123

**Tributyltin-induced effects**; MAP kinases p38 and p44/42; Human natural killer cells **209**, 263

**Trichloroethylene**; Perchloroethylene; Cytotoxicity; Normal human epidermal keratinocytes; Vitamin E **209**, 55

**Virus reactivation**; Drug-induced hypersensitivity syndrome; Human herpesvirus 6; Intravenous immunoglobulin **209**, 165

**Vitamin E**; Doxorubicin; Catechin; Hepatotoxicity; Antioxidant system **209**, 39

**Vitamin E**; Trichloroethylene; Perchloroethylene; Cytotoxicity; Normal human epidermal keratinocytes **209**, 55

**X-ray contrast media**; Adverse effects; Immediate adverse reactions; Delayed adverse reactions **209**, 185